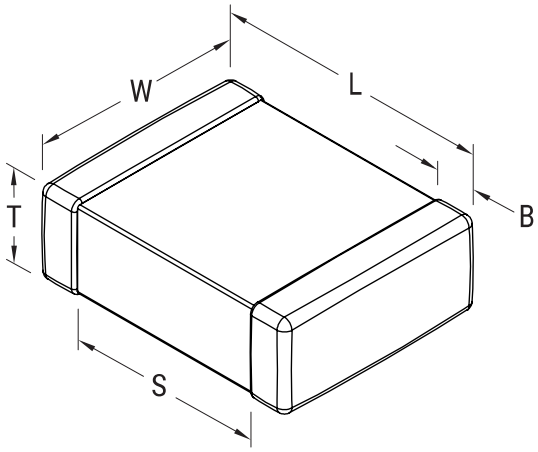
# C0402C683Z8VACTU

Aliases (C0402C683Z8VAC7867)

SMD Comm Y5V, Ceramic, 0.068 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402 / 1005




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Comm Y5V |
| Style | SMD Chip |
| Description | SMD, MLCC, General Purpose, Class III |
| Features | Class III |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Typical Component Weight | 1.21 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| T | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| B | 0.3mm +/-0.1mm |
| Case Code (EIA / mm) | 0402 / 1005 |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Paper Tape |
| Packaging Quantity | 10000 |

| Specifications | |
|---|---|
| Capacitance | 0.068 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | -20/+80% |
| Voltage DC | 10 VDC |
| Dielectric Withstanding Voltage | 25 VDC |
| Temperature Range | -30/+85°C |
| Temp. Coefficient | Y5V |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +22%/-82%, 1kHz 1.0Vrms |
| Dissipation Factor | 10% 1 kHz 1.0Vrms |
| Aging Rate | 7% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 735.3 MOhms |

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